

****11/4/03 DRAFT****

**Fire Regime Condition Class (FRCC) Interagency Handbook
Reference Conditions**

Modeler: Ayn Shlisky

Date: 8/13/03

PNVG Code: OKCA1

Potential Natural Vegetation Group: Blue Oak Woodlands.

Geographic Area: California Sierra- and Coast Range Foothills.

Description: PNVG occurs on sites with soils that are characteristically shallow, skeletal, infertile, thermic, and moderately to excessively well drained. Climate is Mediterranean, with hot, dry summers and cool, wet winters. Elevations range from sea level to 5,900 feet.

Fire Regime Description: Fire Regime I, primarily short-interval (e.g., <10 yr) surface fires.

Vegetation Type and Structure

Class	Percent of Landscape	Description
A: post replacement	5	Grass and oak sprouts following stand replacement fire or oak mortality.
B: mid-development closed	10	> 30% canopy cover oak sapling and pole; poison oak, manzanita and buckthorn shrub cover.
C: mid- open	20	< 30% canopy cover sapling and pole oak savanna.
D: late- open	55	< 30% large oak savanna.
E: late- closed	10	>30% canopy cover; large oak, may include interior live oak and foothill pine.
Total	100	

Fire Frequency and Severity

Fire Frequency-Severity	Modeled Probability	Pct, All Fires	Description
Replacement Fire	.005	5	Primarily in classes B and E
Non-Replacement Fire	.10	95	
All Fire Frequency*	.105	100	

*Sum of replacement fire and non-replacement fire probabilities.

****NOTES ON MODEL SUCCESSIONAL PATHWAYS AND DISTURBANCE:**

Optional pathway (OPTIONAL1) entered for the effect of native grazers/browsers on oak regeneration and growth.

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